

ABSTRACT OF THE DISCLOSURE

1 An apparatus which can effect relative movements
2 between first and second parts that are rotatable
3 relative to each other between several positions
4 utilizes a helix having a stack of convolutions and
5 being non-rotatably associated with one of the parts,
6 a follower (such as a pin or an eccentric or an annulus
7 of rolling elements) which is arranged to extend between
8 at least two convolutions of the helix and is affixed
9 to the other part, an electric or fluid-operated or
10 other suitable motor which serves to rotate at least
11 one of the parts relative to the other part, a further
12 part (such as the release bearing for a clutch in the
13 power train of a motor vehicle) which is movable axially
14 with and relative to the first part, and a coupling
15 device serving to separably connect the further part
16 to the first part except in at least one selected
17 position of the second part relative to the first part.
18 Such arrangement facilitates convenient separation of
19 the clutch from the means for operating the release
20 bearing.